

# PHENIX WEEKLY PLANNING



1/21/2010  
Don Lynch

# Ongoing Tasks for Run 10

## Task

Start Date

End Date

Install rack components in RPC3 N racks

in progress

1/31/10

Attach cables to RPC3 N racks and to Detector  $\frac{1}{2}$  octants

in progress

1/31/10

Install heaters and thermostat(s) for RPC3N thermal control

in progress

1/31/10

Send mass flowmeters out for recalibration (DC/PC, MuID, TOF.W)

In Progress

1/31/10

AH Crane 110 switch for lockout

In Progress

6/30/09

## PHENIX Startup Checklist Status

### Item

Responsibility

Status

Item 1: ESRC relevant items completed

Wood Stairs

Phillips

Post Start

Update Work procedures

Cirnigliaro, Lynch

Post Start

Item 4: HBD Mock Up

Lynch

After Run 10

Item 11: Fire Pull Box

Philips

Post Start

Item 12: Dumb Waiter

Lynch

Waiting For  
LSC Response

## This Week

Run 10 continues no major maintenance issues

No Scheduled Maintenance

Run 10 Support continues

Carter returns from sunny FLA

Future Upgrades support

Jets advance to AFC Championship Game

TECHNICAL  
SUPPORT  
2010

Next Week:

Maintenance Access on Wednesday

BHSO safety audit during maintenance access

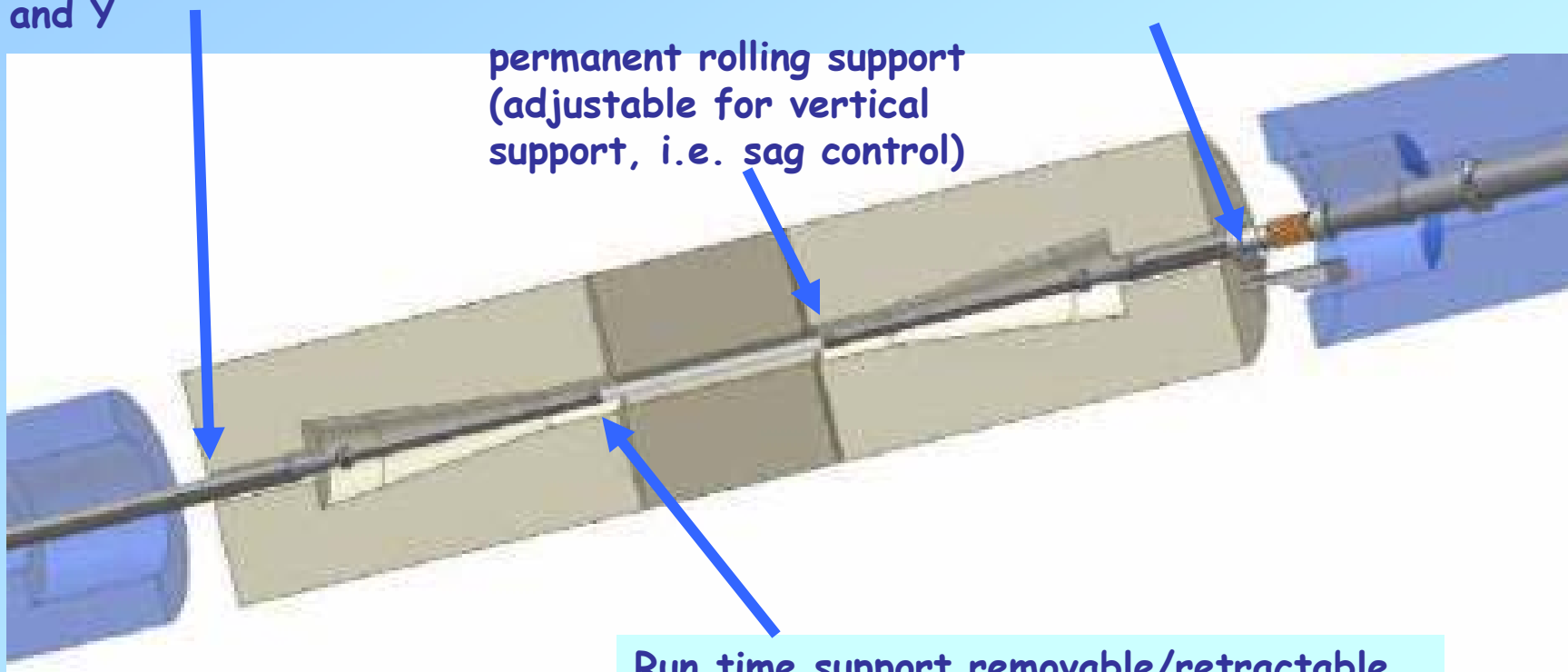
RPC Factory annual Review?

TECHNICAL  
SUPPORT  
2010

# Beampipe supports

TECHNICAL SUPPORT NO-0  
permanent rolling support,  
in BBC cavity, adjustable  
when MMS is south, CM  
is north. New support,  
with fine adjustment in X  
and Y

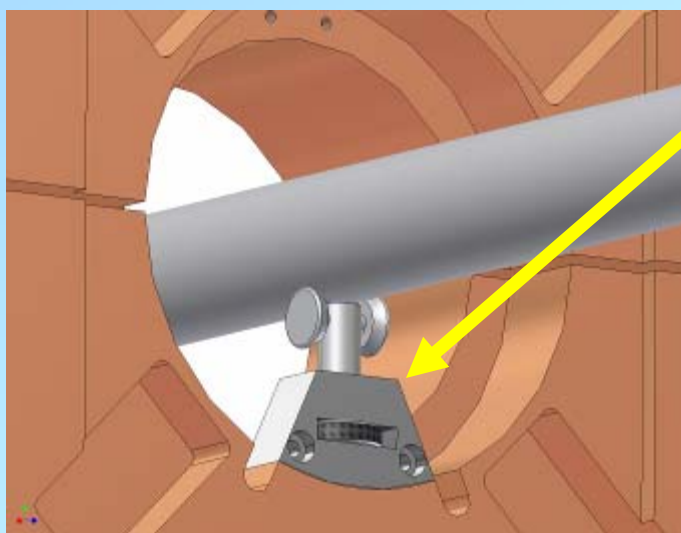
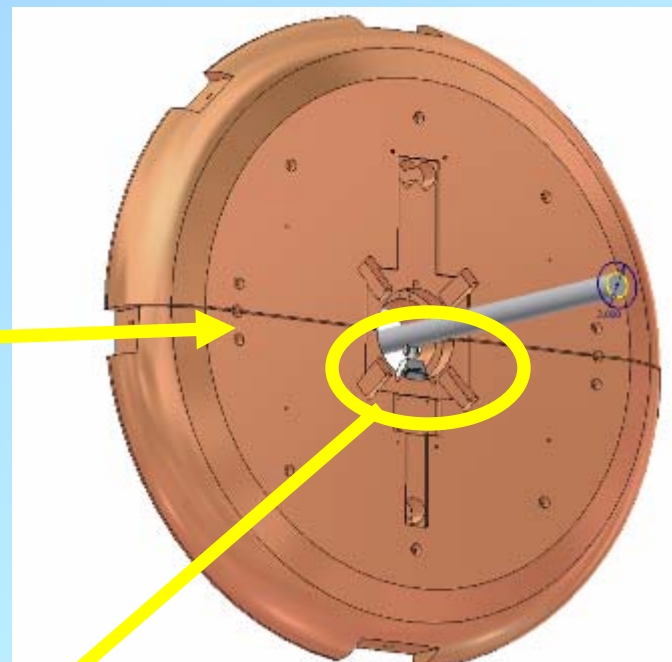
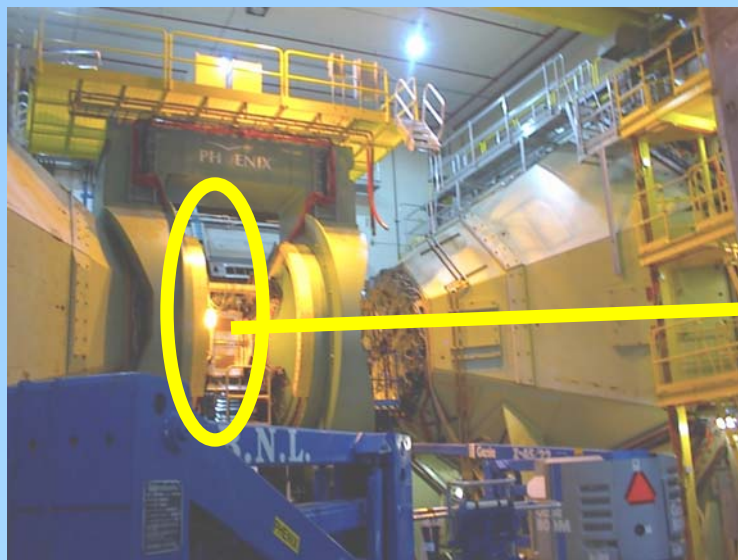
#1 existing permanent fixed  
support → Change to allow for  
finer X and Y adjustment,  
adjustable when CM is south



permanent rolling support  
(adjustable for vertical  
support, i.e. sag control)

Run time support removable/retractable  
for CM move south (adjustable for  
vertical support only i.e. sag control)

# CM central BP supports (2 req'd)

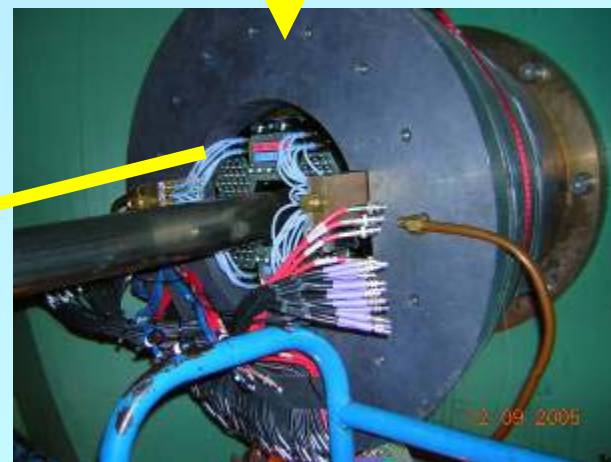
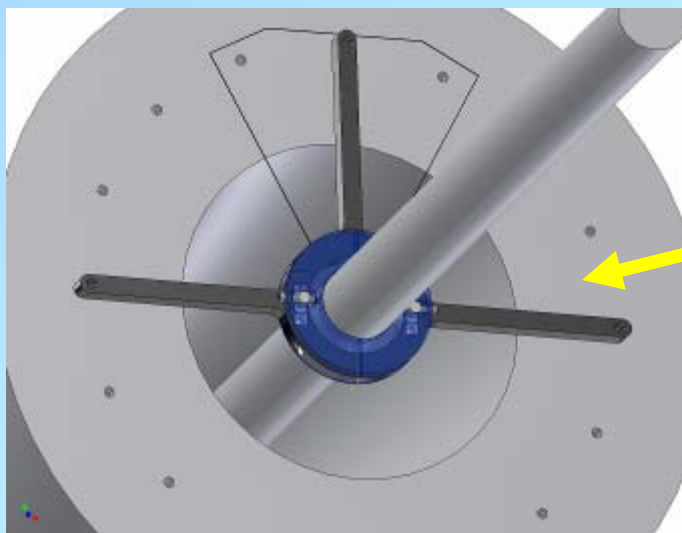


TECHNICAL SUPPORT NO-0



# South Flowerpot BP support

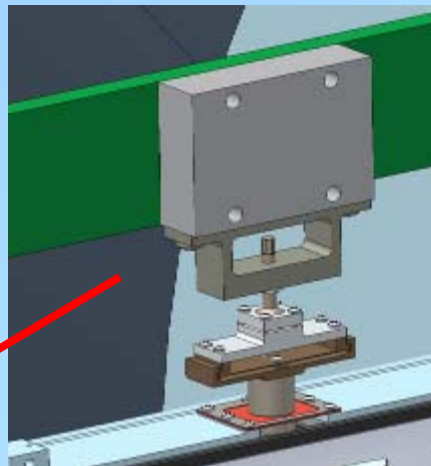
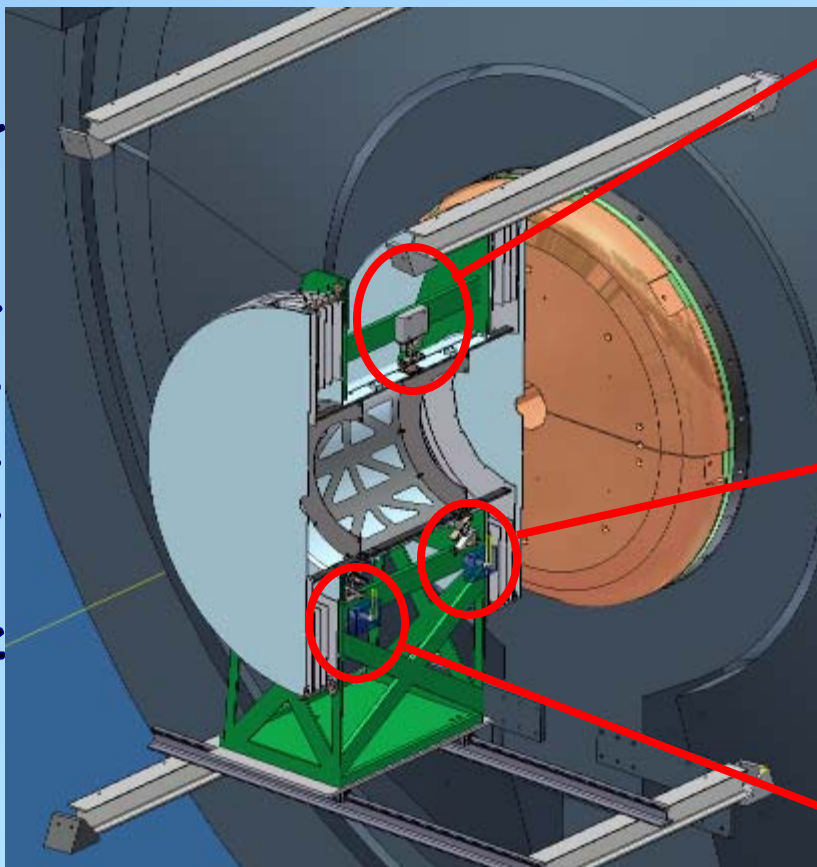
TECHNICAL SUPPORT NO-0



# VTX Installation Plan

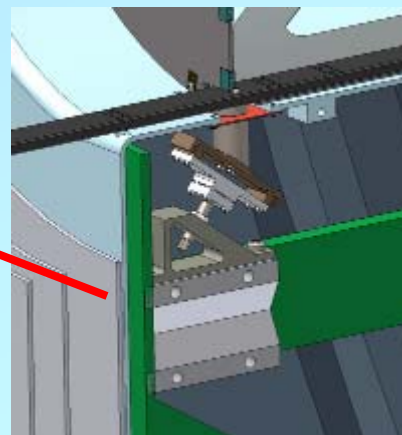
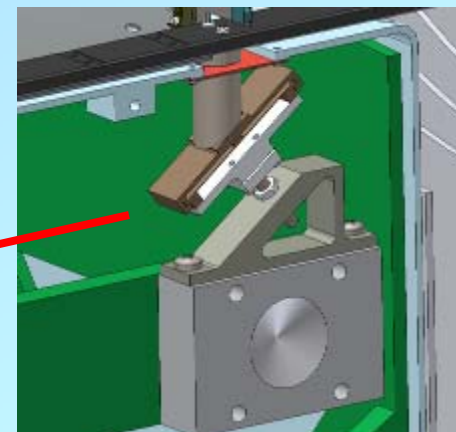
Kinematic mounts for mating east and west detector halves

TECHNICAL SUPPORT 2010



2 DOF (Y & Z)

0 DOF

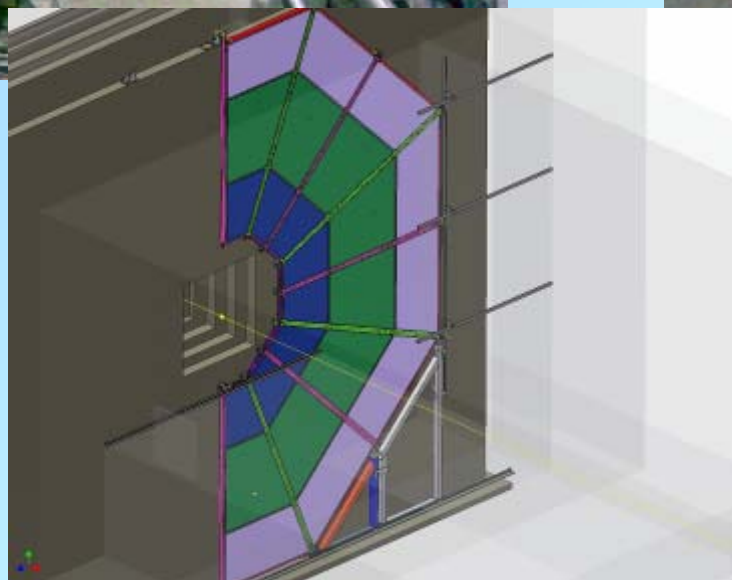


6 interface points  
w/ HYTEC

1 DOF (Z)



# RPC3 South Installation Plan



TECHNICAL SUPPORT NO-0

# 2009 Building Maintenance Issues

TECHNICAL SUPPORT 2010

- Roof leaks in utility bathroom at northwest corner behind tech offices, over door between rack room and assembly hall and over door between control room and elect. ass'y room.
- Heat wrap tape for trailer bathroom toilet drains to prevent freeze/clogging in winter.
- General maintenance for Trailer Offices and Gas Mixing House stairs, ramps and siding, gutters, etc. (cleaning and repairing worn/rotted wood): Carter has placed work orders
- Trailer Office Modifications planning in progress



## Run 10 Tasks

Start Date      End Date

TECHNICAL SUPPORT 2010

Run 10	In progress	6/1
VTX Fabrication and Installation Plan (1st Draft)	Done	Done
RPC3 South Fabrication and Installation Plan (1 <sup>st</sup> Draft)	Done	Done
Receive New Beampipe	On Order	1/31
Design Beam pipe supports	In progress	1/15
Update RPC3 N design for RPC3 S	In progress	1/15
RPC Factory Annual Safety Review	Prep in Progress	1/31
Design support structure, alignment scheme for VTX	In progress	1/31
Fabricate beam pipe supports	1/15	4/1
Beampipe NEG coating (CERN)	2/1	5/1
Fabricate/procure parts for RPC3 S installation	1/1	4/1
Fabricate/procure parts for VTX installation	2/1	5/1
End of run 10	6/1	6/1
Prep IR for shutdown	6/1	7/1
Complete unfinished business for MuTrgr FEE & RPC3 North	6/1	8/1
Install Beam pipe	7/1	10/1
Install VTX	8/1	10/1
Install RPC3 South	6/1	10/1

1/21/2010

# Shutdown 2010 Tasks

Start Date    End Date

TECHNICAL SUPPORT 2010

Prep IR for shutdown	6/1	7/1
Complete unfinished business for MuTrgr FEE & RPC3 North	6/1	8/1
MuTrigger MMS cable tray		
RPC3N electronics and gas system completion		
Remove HBD and RXNP		
Install Beam pipe	7/1	10/1
Install VTX	8/1	10/1
Install RPC3 South	6/1	10/1

## PHENIX Procedure Review Current Status:

## 147 Procedures Identified

80 Made Inactive (not currently in use, will require revision to re- activate if and when necessary, available for reference purposes)

12 CAD procedures relevant to PHENIX, all are current and up-to- date.  
All currently under review,  
3 to be de-activated

40 PHENIX approved procedures.

1 is currently under review

37 are current and up-to-date

(3 RPC procedures updated, 2 more in progress)

15 Proposed/Draft Procedures (never previously formalized)

New Spreadsheet Tracking Application to keep track of Procedure revisions and updates - Done and Working

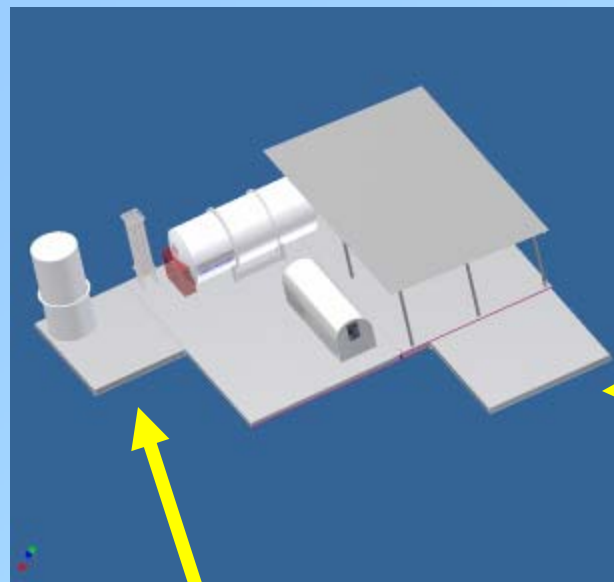
Web retrieval of latest procedures now available from PHENIX Internal:

[http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL\\_procedures.htm](http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL_procedures.htm)



## New Argon Dewar and Empty Gas Bottle Storage Area

PHENIX



Pad for  
Empty Gas  
Bottles to  
go here



Pad for argon  
Dewar to go here



1/21/2010

TECHNICAL SUPPORT 2010

## 1. BHSO Safety Audit -

- 23 page Electrical Safety Assessment questions

## 2. New Traffic enforcement rules

- Employees, guests and users, and contractors will be handled differently for obvious reasons.
- Fines to the Department will be eliminated - this is doing no good in improving traffic safety because of the differing ways that Departments are handling and trying to enforce traffic violations.
- He noted that ~80% of tickets are issued by 2 BNL Police; the others do not issue tickets because of the abuse that they take from the drivers when they are pulled over. *Please be as respectful to BNL police as you would be to a Suffolk County policeman.*
- The New BNL enforcement actions are similar to NY State in that it will be like a point system using a graded approach for moving violations, e.g. the sanctions depend on how many mph you are caught speeding above the posted speed limit. See attached file for details on this graded approach.
- The most cited violations are not making a full stop at a stop sign.

[http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL\\_SSint-page.htm](http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL_SSint-page.htm)

## Traffic Citation(s) - Minimum Disciplinary Actions

(Within 12 Month Period\*\*)

Severity of Violation*	Required Action		
Moving	BNL Employee**	Guest, User	Contractor
<b>Level One</b> <ul style="list-style-type: none"> <li>Moving violations (other than those below)</li> <li>Exceeding speed limit 1-15 M.P.H</li> </ul>	a. Conference with ALD, supervisor and offender	a. Conference with ALD	a. Contractor violations will be handled as contractual issues and disciplinary action will be coordinated by the Procurement and Property Management Division
<b>Level Two</b> <ul style="list-style-type: none"> <li>Exceeding speed limit 16-25 M.P.H.</li> <li>Following too closely</li> <li>Reckless driving</li> </ul>	a. Conference with ALD, supervisor and offender b. Driver training c. H.R. meeting d. Warning Letter to file	a. Conference with ALD b. Letter to home institution	See above
<b>Level Three</b> <ul style="list-style-type: none"> <li>Exceeding speed limit &gt;25 M.P.H.</li> <li>DUI/DWI</li> <li>No Driver's License</li> <li>No Insurance</li> </ul>	a. H.R. meeting b. Disciplinary action (e.g., suspension without pay)	a. Suspension of onsite driving privileges for 14 days ( If researcher is about to leave discipline will be imposed at next tour at facility)	See above
Parking	Conference with ALD, supervisor and offender	Conference with supervisor and offender	See above

\* Two Level One violations within 12 month period will be treated in accordance with Level Two disciplinary actions

\* Three or more Level One violations within 12 month period will be treated in accordance with Level Three disciplinary actions

\* Combination of a Level One and a Level Two violation within 12 month period will be treated in accordance with Level Three disciplinary actions

\*\* For employees covered by a labor contract, consult your Labor Relations representative before proceeding to determine what, if any, impact the collective bargaining agreement has on these items



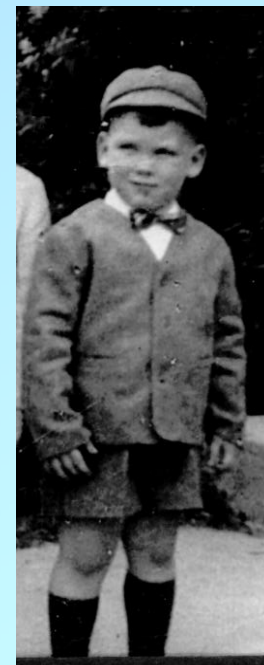
# Where To Find PHENIX Engineering Info

*JETS continue to roll !!*

*vs Colts in Indianapolis,  
Sunday 3:00 PM CBS TV*

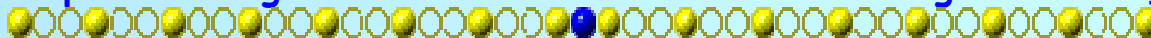
*My Prediction:*

*JETS 27    Colts 17*



Links for the weekly planning meeting slides, archives of past meeting slides, long term planning, pictures, videos and other technical info can be found on the PHENIX Engineering web site:

[http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL\\_SSint-page.htm](http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL_SSint-page.htm)





# 2010 PRO FOOTBALL CHAMPIONSHIP

SUNDAY, FEBRUARY 7, 2010

DOLPHIN STADIUM - MIAMI, FLORIDA

## 2010 PRO FOOTBALL CHAMPIONSHIP

## 2009-10 AFC CHAMPIONSHIP

		OPENING LINE	CURRENT LINE
3051	NEW ENGLAND PATRIOTS	6/1	6/1
3052	PITTSBURGH STEELERS	6/1	6/1
3053	NEW YORK GIANTS	8/1	8/1
3054	INDIANAPOLIS COLTS	8/1	8/1
3055	CAROLINA PANTHERS	10/1	10/1
3056	SAN DIEGO CHARGERS	10/1	10/1
3057	PHILADELPHIA EAGLES	10/1	12/1
3058	DALLAS COWBOYS	12/1	8/1
3059	NEW ORLEANS SAINTS	15/1	15/1
3060	BALTIMORE RAVENS	15/1	15/1
3061	ARIZONA CARDINALS	15/1	15/1
3062	ATLANTA FALCONS	18/1	16/1
3063	TENNESSEE TITANS	18/1	18/1
3064	GREEN BAY PACKERS	20/1	14/1
3065	MINNESOTA VIKINGS	22/1	18/1
3066	MIAMI DOLPHINS	25/1	25/1
3067	WASHINGTON REDSKINS	30/1	30/1
3068	NEW YORK JETS	30/1	30/1
3069	CHICAGO BEARS	30/1	30/1
3070	JACKSONVILLE JAGUARS	30/1	30/1
3071	TAMPA BAY BUCCANEERS	33/1	33/1
3072	DENVER BRONCOS	35/1	28/1
3073	SEATTLE SEAHAWKS	40/1	40/1
3074	HOUSTON TEXANS	40/1	34/1
3075	SAN FRANCISCO 49ERS	45/1	40/1
3076	BUFFALO BILLS	45/1	45/1
3077	ST. LOUIS RAMS	60/1	60/1
3078	CLEVELAND BROWNS	60/1	50/1
3079	CINCINNATI BENGALS	75/1	60/1
3080	KANSAS CITY CHIEFS	100/1	75/1
3081	OAKLAND RAIDERS	125/1	75/1
3082	DETROIT LIONS	150/1	100/1

		OPENING LINE	CURRENT LINE
3141	NEW ENGLAND PATRIOTS	3/1	3/1
3142	PITTSBURGH STEELERS	3/1	3/1
3143	INDIANAPOLIS COLTS	9/2	9/2
3144	SAN DIEGO CHARGERS	11/2	11/2
3145	BALTIMORE RAVENS	13/2	13/2
3146	TENNESSEE TITANS	17/2	17/2
3147	MIAMI DOLPHINS	12/1	12/1
3148	NEW YORK JETS	15/1	15/1
3149	JACKSONVILLE JAGUARS	15/1	15/1
3150	DENVER BRONCOS	18/1	14/1
3151	HOUSTON TEXANS	20/1	17/1
3152	BUFFALO BILLS	22/1	22/1
3153	CLEVELAND BROWNS	30/1	25/1
3154	CINCINNATI BENGALS	35/1	30/1
3155	KANSAS CITY CHIEFS	50/1	35/1
3156	OAKLAND RAIDERS	55/1	35/1

## 2009-10 NFC CHAMPIONSHIP

		OPENING LINE	CURRENT LINE
3161	NEW YORK GIANTS	4/1	4/1
3162	CAROLINA PANTHERS	5/1	5/1
3163	PHILADELPHIA EAGLES	6/1	6/1
3164	DALLAS COWBOYS	6/1	9/2
3165	NEW ORLEANS SAINTS	15/2	15/2
3166	ARIZONA CARDINALS	6/1	7/1
3167	ATLANTA FALCONS	10/1	8/1
3168	GREEN BAY PACKERS	10/1	7/1
3169	MINNESOTA VIKINGS	11/1	9/1
3170	WASHINGTON REDSKINS	15/1	15/1
3171	CHICAGO BEARS	15/1	15/1
3172	TAMPA BAY BUCCANEERS	17/1	17/1
3173	SEATTLE SEAHAWKS	20/1	20/1
3174	SAN FRANCISCO 49ERS	20/1	20/1
3175	ST. LOUIS RAMS	30/1	30/1
3176	DETROIT LIONS	75/1	50/1

DEFENDING CHAMPIONS: PITTSBURGH STEELERS

ALL BETS ARE ACTION REGARDLESS OF TEAM RELOCATIONS OR NAME CHANGES. ALL BETS ARE ACTION REGARDLESS OF WHEN GAME IS PLAYED. CHECK ALL TICKETS BEFORE LEAVING WINDOW. ALL TICKETS MAY BE MAILED IN FOR COLLECTION.

ODDS UPDATED AS OF 02/15/2009

1/21/2010